



County of Los Angeles Department of Public Works  
Construction Division  
**BID SUMMARY**  
(sorted by Unit Price Total)

**Project Name: West Coast Basin Barrier Project Unit 12 Injection and Observation Wells**

**Project ID: FCC0001199**

**Bids Opened: 1/5/2016**

**Office Engineer: Chandra McLoud 626-458-3165**

**Addenda: 2**  
**Duration: 180 Working Day(s)**

Engineer's Estimate						(1) Environmental Construction, Inc.		(2) W. A. Rasic Construction Company, Inc.					
(1) Preliminary Bid Amount						\$5,971,303.00		\$7,737,970.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	NPDES MONITORING AND REPORTING	1	\$35,000.00	LS	\$35,000.00	\$11,000.00	\$11,000.00	\$10,000.00	\$10,000.00				
2	PREPARATION OF THE GROUNDWATER MANAGEMENT PLAN	1	\$5,000.00	LS	\$5,000.00	\$11,000.00	\$11,000.00	\$25,000.00	\$25,000.00				
3	IMPLEMENTATION OF THE GROUNDWATER MANAGEMENT PLAN	1	\$70,000.00	LS	\$70,000.00	\$708,620.00	\$708,620.00	\$1,025,000.00	\$1,025,000.00				
4	RESTORATION OF PERMANENT SURFACING	1	\$60,000.00	LS	\$60,000.00	\$59,925.00	\$59,925.00	\$150,000.00	\$150,000.00				
5	RESTORATION OF EXISTING IMPROVEMENTS	1	\$35,000.00	LS	\$35,000.00	\$28,000.00	\$28,000.00	\$50,000.00	\$50,000.00				
6	TRAFFIC CONTROL	1	\$110,000.00	LS	\$110,000.00	\$139,975.00	\$139,975.00	\$100,000.00	\$100,000.00				
7	OFFICE FACILITIES	1	\$25,000.00	LS	\$25,000.00	\$30,000.00	\$30,000.00	\$75,000.00	\$75,000.00				
8	MOBILIZATION	1	\$200,000.00	LS	\$200,000.00	\$404,050.00	\$404,050.00	\$700,000.00	\$700,000.00				
9	USE OF CONTRACTOR'S DRILL RIG	110	\$200.00	HR	\$22,000.00	\$877.00	\$96,470.00	\$675.00	\$74,250.00				
10	FLASHING ARROW SIGN	2	\$1,500.00	EA	\$3,000.00	\$1,500.00	\$3,000.00	\$14,000.00	\$28,000.00				
11	PRIMARY WELL DEVELOPMENT WITH SWABBING AND AIRLIFTING	520	\$300.00	HR	\$156,000.00	\$504.00	\$262,080.00	\$500.00	\$260,000.00				
12	SECONDARY WELL DEVELOPMENT WITH HIGH VELOCITY WATER JETTING AND AIR LIFT PUMPING	330	\$350.00	HR	\$115,500.00	\$504.00	\$166,320.00	\$500.00	\$165,000.00				
13	DRILL PILOT HOLE	4741	\$95.00	VF	\$450,395.00	\$106.00	\$502,546.00	\$130.00	\$616,330.00				

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
14	DRILL 14" DIAMETER BOREHOLE	687	\$90.00	VF	\$61,830.00	\$273.00	\$187,551.00	\$280.00	\$192,360.00				
15	DRILL 20" DIAMETER BOREHOLE	1435	\$90.00	VF	\$129,150.00	\$320.00	\$459,200.00	\$325.00	\$466,375.00				
16	DRILL 24" DIAMETER BOREHOLE	922	\$90.00	VF	\$82,980.00	\$450.00	\$414,900.00	\$465.00	\$428,730.00				
17	DRILL 30" DIAMETER BOREHOLE	1557	\$90.00	VF	\$140,130.00	\$464.00	\$722,448.00	\$475.00	\$739,575.00				
18	DRILL 42" DIAMETER BOREHOLE	140	\$140.00	VF	\$19,600.00	\$582.00	\$81,480.00	\$600.00	\$84,000.00				
19	PRECAST OBSERVATION WELL VAULT	3	\$6,000.00	EA	\$18,000.00	\$5,000.00	\$15,000.00	\$10,000.00	\$30,000.00				
20	PRECAST INJECTION WELL VAULT	4	\$8,000.00	EA	\$32,000.00	\$16,000.00	\$64,000.00	\$25,000.00	\$100,000.00				
21	1" DIAMETER SCHEDULE 80 PVC TUBE	160	\$10.00	VF	\$1,600.00	\$5.00	\$800.00	\$10.00	\$1,600.00				
22	1-1/4" DIAMETER SCHEDULE 80 PVC TUBE	160	\$20.00	VF	\$3,200.00	\$5.00	\$800.00	\$11.00	\$1,760.00				
23	2" DIAMETER PVC PIPE, SCHEDULE 80	538	\$25.00	LF	\$13,450.00	\$63.00	\$33,894.00	\$140.00	\$75,320.00				
24	3" DIAMETER SCHEDULE 80 PVC CONDUCTOR PIPE	160	\$20.00	VF	\$3,200.00	\$9.00	\$1,440.00	\$12.00	\$1,920.00				
25	3" DIAMETER TREMIE PIPE SCHEDULE 80 PVC	3060	\$23.00	VF	\$70,380.00	\$9.00	\$27,540.00	\$10.00	\$30,600.00				
26	1" DIAMETER STAINLESS STEEL TUBE	60	\$60.00	VF	\$3,600.00	\$45.00	\$2,700.00	\$50.00	\$3,000.00				
27	4" DIAMETER STEEL PIPE	50	\$104.00	LF	\$5,200.00	\$305.00	\$15,250.00	\$1,600.00	\$80,000.00				
28	6" DIAMETER STEEL PIPE	192	\$150.00	LF	\$28,800.00	\$330.00	\$63,360.00	\$825.00	\$158,400.00				
29	12" DIAMETER BLANK STAINLESS STEEL CASING	1624	\$300.00	VF	\$487,200.00	\$296.00	\$480,704.00	\$310.00	\$503,440.00				
30	12" DIAMETER STAINLESS STEEL SCREEN CASING	850	\$340.00	VF	\$289,000.00	\$228.00	\$193,800.00	\$240.00	\$204,000.00				
31	18" DIAMETER PROTECTIVE STEEL CASING	35	\$300.00	VF	\$10,500.00	\$730.00	\$25,550.00	\$775.00	\$27,125.00				

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32	24" DIAMETER PROTECTIVE STEEL CASING	70	\$300.00	VF	\$21,000.00	\$759.00	\$53,130.00	\$800.00	\$56,000.00				
33	36" DIAMETER PROTECTIVE STEEL CASING	140	\$483.00	VF	\$67,620.00	\$283.00	\$39,620.00	\$300.00	\$42,000.00				
34	PRESSURE VACUUM GAGE AND KWIK CONNECTIONS MOUNTING	4	\$1,000.00	EA	\$4,000.00	\$600.00	\$2,400.00	\$45,000.00	\$180,000.00				
35	PULL BOX	4	\$3,000.00	EA	\$12,000.00	\$500.00	\$2,000.00	\$3,000.00	\$12,000.00				
36	NOISE CONTROL (ALLOWANCE OF 70,000)	70000	\$1.00	AL	\$70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00				
37	SAND FILTER PACK FOR 30" DIAMETER BOREHOLE	8	\$150.00	VF	\$1,200.00	\$115.00	\$920.00	\$120.00	\$960.00				
38	SAND FILTER PACK FOR 20" DIAMETER BOREHOLE	20	\$100.00	VF	\$2,000.00	\$98.00	\$1,960.00	\$100.00	\$2,000.00				
39	SAND FILTER PACK FOR 14" DIAMETER BOREHOLE	8	\$100.00	VF	\$800.00	\$29.00	\$232.00	\$30.00	\$240.00				
40	GRAVEL PACK 14" DIAMETER HOLE	295	\$50.00	VF	\$14,750.00	\$65.00	\$19,175.00	\$70.00	\$20,650.00				
41	GRAVEL PACK 20" DIAMETER HOLE	948	\$50.00	VF	\$47,400.00	\$120.00	\$113,760.00	\$125.00	\$118,500.00				
42	GRAVEL PACK 24" DIAMETER HOLE	930	\$50.00	VF	\$46,500.00	\$141.00	\$131,130.00	\$150.00	\$139,500.00				
43	GROUT 14" DIAMETER BOREHOLE	390	\$90.00	VF	\$35,100.00	\$26.00	\$10,140.00	\$30.00	\$11,700.00				
44	GROUT 20" DIAMETER BOREHOLE	479	\$90.00	VF	\$43,110.00	\$45.00	\$21,555.00	\$45.00	\$21,555.00				
45	GROUT 24" DIAMETER BOREHOLE	1436	\$90.00	VF	\$129,240.00	\$46.00	\$66,056.00	\$50.00	\$71,800.00				
46	GROUT 30" DIAMETER BOREHOLE	1543	\$90.00	VF	\$138,870.00	\$69.00	\$106,467.00	\$75.00	\$115,725.00				
47	GROUT 42" DIAMETER BOREHOLE	140	\$90.00	VF	\$12,600.00	\$133.00	\$18,620.00	\$150.00	\$21,000.00				
48	4" DIAMETER SCHEDULE 80 BLANK PVC CASING	1057	\$23.00	VF	\$24,311.00	\$15.00	\$15,855.00	\$15.00	\$15,855.00				

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
49	4" DIAMETER SCHEDULE 80 PVC PERFORATED PIPE CASING	1140	\$26.00	VF	\$29,640.00	\$17.00	\$19,380.00	\$20.00	\$22,800.00				
50	INJECTION WELL HEAD ASSEMBLY	4	\$8,000.00	EA	\$32,000.00	\$14,150.00	\$56,600.00	\$100,000.00	\$400,000.00				
51	CITY OF REDONDO BEACH PERMIT AND INSPECTION FEES (ALLOWANCE OF \$3,300)	3300	\$1.00	AL	\$3,300.00	\$1.00	\$3,300.00	\$1.00	\$3,300.00				
52	L.A COUNTY PUBLIC HEALTH PERMIT AND INSPECTION FEES (ALLOWANCE OF \$5,600)	5600	\$1.00	AL	\$5,600.00	\$1.00	\$5,600.00	\$1.00	\$5,600.00				
Unit Price Total					\$3,427,756.00	\$5,971,303.00	\$7,737,970.00						
(3) Local Small Business Enterprise (LSBE) Preference Amount						\$0.00	\$0.00						
(4) LSBE Adjusted Amount						\$5,971,303.00	\$7,737,970.00						
Comments						APPARENT LOW BIDDER							